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- 401/06, 413/06, 401/12, 239/78, C07C 49/84, A61P 5/18
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- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DERIVATIVES OF ARYL-QUINAZOLINE/ARYL-2AMINO-PHENYL METHANONE WHICH PROMOTE THE RELEASE OF PARATHYROID HORMONE

(57) Abstract: A compound of formula (I): wherein R1, R2, R3 and Y are as defined herein, or a pharmaceutically-acceptable and -cleavable ester, or acid addition salt thereof, useful for promoting the release of parathyroid hormone, e.g. for preventing or treating bone conditions which are associated with increased calcium depletion or resorption or in which stimulation of bone formation and calcium fixation in the bone is desirable.



Relevant to claim No.

ational Application No PCT/EP 03/14741

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61K31/498 C07D403/06

C07D405/06

C07D239/78

C. DOCUMENTS CONSIDERED TO BE RELEVANT

CO7D417/06

C07C49/84

C07D239/82 C07D401/06 A61P5/18

C07D403/10 C07D413/06

C07D409/06 C07D401/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

X

Minimum documentation searched (classification system followed by classification symbols) $IPC \ 7 \ C07D \ C07C$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

Citation of document, with indication, where appropriate, of the relevant passages

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EPO-Internal, CHEM ABS Data, WPI Data

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European Patent Office, P.B. 5818 Patentlaan 2		European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Pilovilk	Authorized officer	
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In attonal Application No PCT/EP 03/14741

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	(continuation of second sheet) (January 2004)	



ternational application No. PCT/EP 03/14741

Box I	Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)
This Inter	rnational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
	Although claim 7 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
t t	Claims Nos.: pecause they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
	see FURTHER INFORMATION sheet PCT/ISA/210
з. 🔲 с	Claims Nos.: necause they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II C	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This Intern	national Searching Authority found multiple inventions in this international application, as follows:
1. A	s all required additional search fees were timely paid by the applicant, this International Search Report covers all
2. As of	s all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment any additional fee.
3. As	s only some of the required additional search fees were timely paid by the applicant, this International Search Report overs only those claims for which fees were paid, specifically claims Nos.:
4. No res	o required additional search fees were timely paid by the applicant. Consequently, this International Search Report is stricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on	Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.1

Although claim 7 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

Continuation of Box I.2

Claims Nos.: -

Present Claims 1 and 3 relate to an extremely large number of possible compounds. In fact, Claims 1 and 3 contain so many options, variables, possible permutations that a lack of clarity (and conciseness) within the meaning of Article 6 PCT and/or disclosure within the meaning of Article 5 PCT arises to such an extent as to render a meaningful search of the above-mentioned claims impossible. The claims 1 and 3 can in no way be considered to be a reasonable generalisation of the actual examples since it include numerous possibilities which cannot be considered as equivalents, homologues or analogues of the examples. Consequently, the search was carried out for those parts of the application which do appear to be clear (concise and supported by the examples), namely for the compounds for which R1 is a 2-propynyloxy, methoxy or hydroxy moiety and R3 is an optionally substituted alkyl, alkenyl or benzyl. All the examples have been searched.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

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